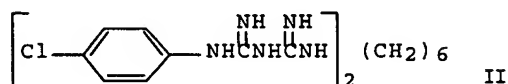


L47 ANSWER 10 OF 12 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1981:412759 HCAPLUS Full-text
 DOCUMENT NUMBER: 95:12759
 TITLE: 1,6-Bis(5-(4-chlorophenyl)biguanido)hexane
 disaccharinate
 INVENTOR(S): Reiter, Jozsef; Toldy, Lajos; Szucs, Mrs. Otto;
 Borvendeg, Janos; Eggenhoffer, Mrs. Tamas;
 Hargittay-Koritsanszky, Klara
 PATENT ASSIGNEE(S): Gyogyszerkutato Intezet, Hung.
 SOURCE: Hung. Teljes, 14 pp.
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 DOCUMENT TYPE: Patent
 LANGUAGE: Hungarian
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
HU 18951	O	19801028	HU 1978-GO1420	19780926
HU 176671	P	19810428		
PRIORITY APPLN. INFO.:			HU 1978-GO1420	19780926

GI



AB The title compound (I) [77439-45-3], prepared from 1,6-bis(5-(4-chlorophenyl)biguanido)hexane (II) and saccharin (III) in MeOH, Me₂CO, or DMF, is stable, has a pleasant taste, identical antiseptic activity as known salts of II, low toxicity (LD₅₀ >5000 mg/kg oral in mice), and solubility in H₂O (1.5 mg/100 mL H₂O), causes neither irritation of the mucous membrane nor coloration of the teeth, and is useful in various compns., such as disinfecting tablets, dental solns., tooth pastes, mouth washes, sprays, etc. Thus, 20.2 g II and 14.65 g III were dissolved in 250 mL hot MeOH and the solution was allowed to cool to give 99.1% I.

IC C07D275-06; C07C129-161

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 27

ST chlorhexidine saccharinate; bactericide chlorhexidine saccharinate; dentifrice chlorhexidine saccharinate

IT Bactericides, Disinfectants and Antiseptics
 (bis(chlorophenylbiguanido)hexane disaccharinate)

IT Dentifrices
 (bis(chlorophenylbiguanido)hexane disaccharinate containing)

IT 77439-45-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and antiseptic activity of)